

## Catalyst system

## Abstract

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A catalyst system comprising a metallocene, a cocatalyst, a support material and optionally a further organometallic compound is described. The catalyst system can advantageously be used for the polymerization of olefins. Here, the use of aluminoxanes such as methylaluminoxane (MAO) as cocatalyst is dispensed with and a high catalyst activity and good polymer morphology are nevertheless achieved.

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